

~~lines 2-3, please delete "mCLK2, mCLK3, mCLK4, or SIRP".~~

~~Claim 3, line 3, please delete "1, 2,"; and~~

~~line 3, please delete ",4, or 5".~~

~~Claim 4, line 2, please delete "PTP20, PCP-2,"; and~~

~~lines 2-3, please delete "mCLK2, mCLK3, mCLK4, or SIRP".~~

~~Claim 5, line 3, please delete "1, 2"; and~~

~~line 3, please delete ",4 or 5".~~

~~Claim 6, line 2, please delete "PTP20, PCP-2,"; and~~

~~lines 2-3, please delete "mCLK2, mCLK3, mCLK4, or SIRP".~~

~~Claim 7, line 2, please delete "PTP20, PCP-2,"; and~~

~~lines 2-3, please delete "mCLK2, mCLK3, mCLK4, or SIRP".~~

~~Claim 8, line 3, please delete "PTP20, PCP-2,"; and~~

~~lines 3-4, please delete "mCLK2, mCLK3, mCLK4, or SIRP".~~

~~Please cancel claims 9-17 without prejudice to or disclaimer of the subject matter contained therein.~~

Please amend Claim 18 as follows:

18. (AMENDED) An isolated, enriched, or purified nucleic acid molecule comprising a nucleotide sequence that:

(a) encodes a full length amino acid sequence as set forth in Figure [1, 2,] 3[, 4, or 5];

(b) is the complement of the nucleotide sequence of (a);

(c) hybridizes under highly stringent conditions to the nucleic acid molecule of (a) and encodes a naturally occurring [PTP20 , PCP-2,] BDP1[, mCLK2, mCLK3, mCLK4, or SIRP] protein;

[encodes a PTP20 protein having the full length amino acid sequence set forth in Figure 1 except that it lacks one or more of the following segments of amino acid residues 1-58, 59-294, 295-453;

encodes a mCLK2, mCLK3, or mCLK4 protein having the full length amino acid sequence as set forth in Figure 4 except that it lacks one or more of the following segments of amino acid residues 1-182, 183-470, or 471-499 of mCLK2, 1-176, 177-473, or 474-496 of mCLK3, or 1-183, 184-486, or 486-489 of mCLK4;

encodes a SIRP protein having the full length amino acid sequence set forth in Figure 5 except that it lacks one of the following segments of amino acid residues: extracellular domain, transmembrane domain, cytoplasmic domain, and tyrosine bearing SH2 binding region in the cytoplasmic domain;]

(d) encodes a polypeptide having the full length amino acid sequence set forth in Figure [1, 2,] 3[, 4, or 5] except that it lacks one or more of the domains selected from the